

Re: docket 03-104 Broadband over Power Line interference potential
and request for detailed inquiry into same

The BPL proposals lack sufficient investigation into interference potential and remedies to affected parties of current licensed wireless and wired communications services. The research literature thus far as gleaned from searches of IEEE (ieee.org) and FCC sites contains far less information on the likely occurrence of wide ranging interference to existing licensed wireless and wired services.

Those of us who are amateur radio operators as well as software and hardware engineers are in favor of continued exploration of BPL, but with great care. All power line communications testing underway must have a stronger requirement to investigate likely failure modes that would render current services unusable or compromise signal quality of existing wireless and wired services such as:

- Amateur Radio HF (1300kHz to 30.0 MHz)
- Government radio services (1.0 MHz to 44MHz)

We look toward the FCC for leadership in establishing strong rules for operation of BPL services that are protective of existing services. In addition, we hope to find more supported work demonstrating effective measures to remedy interference from BPL testing and early deployment as such interference is encountered, documented, and investigated.

Thank you very much for considering this request for more detailed inquiry into the interference potential of Broadband over Power Line services.

Yours,

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